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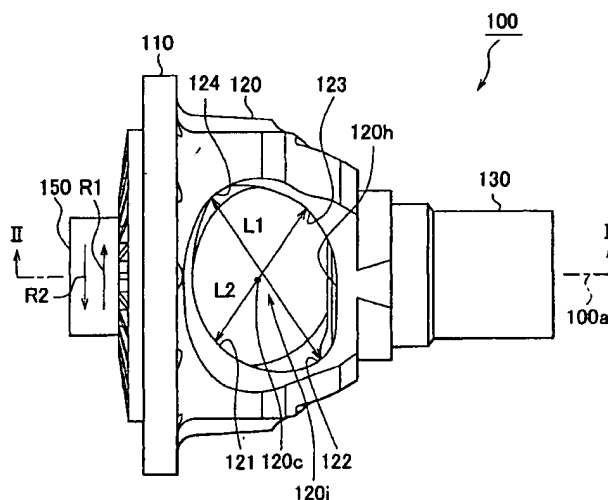
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(54) Title: DIFFERENTIAL GEAR UNIT



(57) Abstract: A differential gear unit (100) divides an input driving force into a first and a second outputs, and permits a difference between the first and the second outputs. The differential gear unit (100) includes a differential case (120) serving as a casing which defines an internal space (120i) and an opening (120h) communicated with the internal space (120i) and which is rotatable in a given direction (R1) and an opposite direction (R2). The differential case (120) includes a flange portion (110) as an input portion to which the driving force is input. The differential case (120) is configured such that the fatigue life of the differential case (120) when the driving force is repeatedly input in the flange portion (110) in the direction R1 is longer than the fatigue life of the differential case (120) when the driving force is repeatedly input in the flange portion (110) in the opposite direction (R2).